

In the Specification

Page 1, after the title, insert the following new section:

CROSS REFERENCE TO RELATED APPLICATION

This is a 35 U.S.C. §371 application of and claims priority to PCT International Application Number PCT/EP 03/008962, which was filed 13 August 2003 (13.08.03), and was published in German, and which was based on German Patent Application No. 102 46 828.1, filed 08 October 2002 (08.10.02), and the teachings of the applications are incorporated herein by reference.

Amend the first paragraph under the "Description of the Related Art" on page 1 as follows:

Objectives of the type mentioned at the beginning are described, for example, in US 6,043,863 and US 6,195,213 B1. A system for measuring a projection objective with reference surfaces is described in the ~~older~~ former German P 101 36 388.5.

Amend the first paragraph under "Detailed Description" on page 5 as follows:

The objective to be seen in figures 1 ~~to 3~~ and 4 constitutes a projection objective 1 in a projection exposure machine having an exposure system 2 that includes a laser as light source, for example with a light-emitting wavelength smaller than 360 nm (not illustrated) and a reticle 3 that is arranged in the object plane and whose structure is depicted in greatly reduced form on a wafer 3a that is arranged downstream of the projection objective 1 in the beam direction.

Amend the first full paragraph on page 6 as follows:

A precondition for an objective of very high imaging accuracy is that the individual optical axes be adjusted exactly relative to one another, that they meet one another with sufficient accuracy and run accurately enough parallel or at an exact angle, in general perpendicular to one another. This purpose is served by the first housing structure 4 with a number of seats or fitting surfaces for adjusting and centering the second housing structure 5 and diverse optical subassemblies such as, for example, the subassembly 6 with the beam splitter element 7. The first housing structure 4 is provided with a horizontally dipping optical subassembly 8 having a number of lenses 9 and a lambda/4 plate 10, with a first fitted optical subassembly 11 having one or more lenses 12 and a lambda/4 plate 13, and with a deflecting mirror 14.

Amend the third paragraph on page 8 as follows:

Further details on an exemplary mode of procedure are described in the ~~old~~ former German P 101 36 388.5, which therefore also forms the disclosure content for the application present here.